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**CERTIFICATE OF TRANSMISSION UNDER 37 CFR 1.8**

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DJ Bogorodsky

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In re: application of: Bonnie Wang et al.  
Application Number: 10/769,733  
Filed: January 29, 2004  
Confirmation Number: 6549  
Title: DATA REALIGNMENT TECHNIQUES FOR SERIAL-TO-PARALLEL CONVERSION  
Atty Docket Number: 015114-063110US SJC/djb

Being faxed to Examiner - Patrick G. Wamsley Group 2819 at facsimile number 1-703-872-9306 are the  
following documents:

This PTO/SB/97 Certificate of Transmission (1 page);  
PTO/SB/21 Transmittal Form (1 page);  
PTO/SB/17 Fee Transmittal (1 page submitted in duplicate);  
Amendment (6 pages);  
PTO/SB/26 Terminal Disclaimer (1 page); and  
PTO/SB/96 Statement under 37 CFR 3.73(b) (1 page)

Number of pages being transmitted: 12

60393057 v1

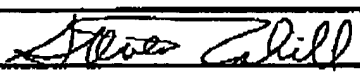
Townsend and Townsend and Crew LLP  
Telephone -- 650-326-2400  
Facsimile -- 650-326-2422

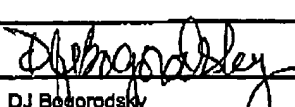
fax ref. # 96A65

PTO/SB/21 (09-04)

<b>TRANSMITTAL FORM</b>  <small>(to be used for all correspondence after initial filing)</small>	Application Number	10/769,733	
	Filing Date	January 29, 2004	
	First Named Inventor	Wang, Bonnie	
	Art Unit	2819	
	Examiner Name	Patrick G. Wamsley	
Total Number of Pages in This Submission	12	Attorney Docket Number	015114-063110US

ENCLOSURES (Check all that apply)		
<input checked="" type="checkbox"/> PTO/SB/17 Fee Transmittal (1pg submitted in duplicate) <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment/Reply (6pgs) <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement  <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/ Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input checked="" type="checkbox"/> Terminal Disclaimer (1pg) <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): PTO/SB/87 Certificate of Transmission (1pg) this PTO/SB/21 Transmittal Form (1pg) PTO/SB/86 Statement under 37 CFR 3.73(b) (1pg)
Remarks: The Commissioner is authorized to charge any additional fees to Deposit Account 20-1430.		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT			
Firm Name	Townsend and Townsend and Crew LLP		
Signature			
Printed name	Steven Cahill		
Date	January 6, 2005	Reg. No.	44,578

CERTIFICATE OF TRANSMISSION/MAILING			
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Signature			
Typed or printed name	DJ Besorodsky	Date	January 6, 2005

60393051 v1

**FEE TRANSMITTAL  
for FY 2005**

Effective 10/01/2004, Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27**TOTAL AMOUNT OF PAYMENT** (\$) 130**Complete if Known**

Application Number	10/769,733
Filing Date	January 29, 2004
First Named Inventor	Wang, Bonnie
Examiner Name	Patrick G. Wamsley
Art Unit	2819
Attorney Docket No.	015114-063110US

**METHOD OF PAYMENT (check all that apply)**☐ Check ☐ Credit Card ☐ Money Order ☐ Other ☐ None☒ Deposit Account:Deposit  
Account  
Number

20-1430

Deposit  
Account  
Name

Townsend and Townsend and Crew LLP

The Director is authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☒ Credit any overpayments☒ Charge any additional fee(s) or any underpayment of fee(s)☐ Charge fee(s) indicated below, except for the filing fee  
to the above-identified deposit account.**FEE CALCULATION****1. BASIC FILING FEE**

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1001	760	2001	395	Utility filing fee	
1002	350	2002	175	Design filing fee	
1003	550	2003	275	Plant filing fee	
1004	790	2004	395	Reissue filing fee	
1005	160	2005	80	Provisional filing fee	
SUBTOTAL (1)					(\$)

**2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE**

		Extra Claims		Fee from below		Fee Paid	
Total Claims	<input type="text"/>	=	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Independent Claims	<input type="text"/>	=	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Multiple Dependent				<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Large Entity		Small Entity					
Fee Code	Fee (\$)	Fee Code	Fee (\$)	<u>Fee Description</u>			
1202	18	2202	9	Claims in excess of 20			
1201	88	2201	44	Independent claims in excess of 3			
1203	300	2203	150	Multiple dependent claim, if not paid			
1204	88	2204	44	-- Reissue independent claims over original patent			
1205	18	2205	9	-- Reissue claims in excess of 20 and over original patent			
SUBTOTAL (2)				(\$) <input type="text"/>			

\*or number previously paid, if greater; For Reissues, see above


**FEE CALCULATION (continued)****3. ADDITIONAL FEES**

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1051	130	2051	65	Surcharge - late filing fee or oath	
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet	
1053	130	1053	130	Non-English specification	
1812	2,620	1812	2,520	For filing a request for ex parte reexamination	
1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	
1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	
1251	110	2251	55	Extension for reply within first month	
1252	430	2252	215	Extension for reply within second month	
1253	980	2253	480	Extension for reply within third month	
1254	1,530	2254	765	Extension for reply within fourth month	
1255	2,080	2255	1,040	Extension for reply within fifth month	
1401	340	2401	170	Notice of Appeal	
1402	340	2402	170	Filing a brief in support of an appeal	
1403	300	2403	150	Request for oral hearing	
1451	1,510	1451	1,510	Petition to Institute a public use proceeding	
1452	110	2452	55	Petition to revive - unavoidable	
1453	1,330	2453	685	Petition to revive - unintentional	
1501	1,370	2501	685	Utility issue fee (or reissue)	
1502	490	2502	245	Design issue fee	
1503	860	2503	330	Plant issue fee	
1460	130	1460	130	Petitions to the Commissioner	
1807	50	1807	50	Processing fee under 37 CFR 1.17(e)	
1806	180	1806	180	Submission of Information Disclosure Stmt	
8021	40	8021	40	Recording each patent assignment per property (times number of properties)	
1809	790	2809	395	Filing a submission after final rejection (37 CFR § 1.129(a))	
1810	790	2810	395	For each additional invention to be examined (37 CFR § 1.129(b))	
1801	790	2801	395	Request for Continued Examination (RCE)	
1802	900	1802	900	Request for expedited examination of a design application	
Other fee (specify): Statutory Disclaimer					130

\*Reduced by Basic Filing Fee Paid SUBTOTAL (3)

(\$)130

**SUBMITTED BY****Complete (if applicable)**

Name (Print/Type)	Steven Cahill	Registration No. (Attorney/Agent)	44,578	Telephone	650-328-2400
Signature		Date	January 6, 2005		

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60393034 v1

PTO/SB/17 (10-04)

# FEE TRANSMITTAL for FY 2005

Effective 10/01/2004. Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$)

130

## Complete if Known

Application Number 10/769,733

Filing Date January 29, 2004

First Named Inventor Wang, Bonnie

Examiner Name Patrick G. Wamsley

Art Unit 2819

Attorney Docket No. 015114-063110US

## METHOD OF PAYMENT (check all that apply)

☐ Check ☐ Credit Card ☐ Money Order ☐ Other ☐ None☒ Deposit Account:Deposit  
Account  
Number

20-1430

Deposit  
Account  
Name

Townsend and Townsend and Crew LLP

The Director is authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☒ Credit any overpayments☐ Charge any additional fee(s) or any underpayment of fee(s)☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

## FEE CALCULATION

## 1. BASIC FILING FEE

Large Entity Small Entity

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
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1004	780	2004	395	Reissue filing fee	
1005	160	2005	80	Provisional filing fee	

SUBTOTAL (1)

(\$)

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Independent Claims			
Multiple Dependent			

Large Entity Small Entity

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description
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SUBTOTAL (2)

(\$)

\*or number previously paid, if greater. For Reissues, see above

## FEE CALCULATION (continued)

## 3. ADDITIONAL FEES

Large Entity	Small Entity	Fee Code	Fee (\$)	Fee Description	Fee Paid
1051	130	2051	65	Surcharge - late filing fee or oath	
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet	
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1453	1,330	2453	665	Petition to revive - unintentional	
1501	1,370	2501	685	Utility issue fee (or reissue)	
1502	490	2502	245	Design issue fee	
1503	660	2503	330	Plant issue fee	
1480	130	1460	130	Petitions to the Commissioner	
1807	50	1807	50	Processing fee under 37 CFR 1.17(a)	
1808	180	1808	180	Submission of Information Disclosure Sheet	
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1802	900	1802	900	Request for expedited examination of a design application	

Other fee (specify): Statutory Disclaimer

130

\*Reduced by Basic Filing Fee Paid

SUBTOTAL (3)

(\$130)

## SUBMITTED BY

## Complete (if applicable)

Name (Print/Type)

Steven Cahill

Registration No. (Attorney/Agent)

44,578

Telephone

650-326-2400

Signature

Steve Cahill

Date

January 6, 2005

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60393034 v1

JAN 06

PATENT

Attorney Docket No.: 015114-063110US

Client Ref. No.: A790 C1

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of:

Bonnie Wang et al.

Application No.: 10/769,733

Filed: January 29, 2004

For: DATA REALIGNMENT  
TECHNIQUES FOR SERIAL-TO-  
PARALLEL CONVERSION

Customer No.: 26059

Confirmation No. 6549

Examiner: Patrick G. Wamsley

Technology Center/Art Unit: 2819

AMENDMENT

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In response to the Office Action mailed October 14, 2004, please enter the following amendments and remarks:

Amendments to the Claims are reflected in the listing of claims which begins on page 2 of this paper.

Remarks/Arguments begin on page 6 of this paper.